

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052876

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 H01J61/35 H01J61/52

According to international Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and where practical search terms used)

EPO-Internal , PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document with indication where appropriate of the relevant passages	Relevant to claim No
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 151005 A (USHIO INC), 24 May 2002 (2002-05-24) abstract ----- US 6 084 352 A (SEKI ET AL) 4 July 2000 (2000-07-04) column 4, line 26 - line 33; figure 1 ----- DE 101 51 267 A1 (PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH) 30 April 2003 (2003-04-30) paragraphs '0027!, '0048!; figure 1 ----- - / ~	1, 3-5, 7, 8
X		1, 4-7
X		1, 2, 9

Further documents are listed in the continuation of box C

Patent family members are listed in annex

**\* Special categories of cited documents**

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the international filing date
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- 'P' document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

8 September 2005

Date of mailing of the international search report

28/09/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	<p>ACCURATUS: "FUSED SILICA, SiO<sub>2</sub>" Online! 16 August 2003 (2003-08-16), XP002344012 internet</p> <p>Retrieved from the Internet: URL :http://web.archive.org/web/20030618215636/www.accuratus.com/fused.html &gt; 'retrieved on 2005-09-02! the whole document</p> <p>-----</p>	1, 5
A	<p>ACCURATUS: "Zirconium Oxide, ZrO<sub>2</sub>" Online! 16 August 2003 (2003-08-16), XP002344013 internet</p> <p>Retrieved from the Internet: URL :http://web.archive.org/web/20030816013836/www.accuratus.com/zire.html &gt; 'retrieved on 2005-09-02! the whole document</p> <p>-----</p>	1
A	<p>SHACKELFORD &amp; ALEXANDER: "CRC Materials Science and Engineering Handbook" 2001, CRC PRESS, BOCA RATON, XP002344015 ISBN: 0-8493-2696-6 table 115</p> <p>-----</p>	1

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Information on patent family members

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PCT/IB2004/052876

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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US 6084352	A	04-07-2000	CN JP	1229179 A ,C 10092385 A		22-09-1999 10-04-1998
DE 10151267	A1	30-04-2003	CN EP WO JP TW US	1571902 A 1440278 A1 03033959 A1 2005505909 T 223045 B 2005024880 A1		26-01-2005 28-07-2004 24-04-2003 24-02-2005 01-11-2004 03-02-2005